

LISTING OF CLAIMS:

Claim 1. (Currently Amended): A video contents access method that uses trajectories of objects, comprising the steps of:

extracting objects from video contents;

displaying the movements of said objects as trajectories on a specific projection screen separate from a video image display providing said video contents;

concurrently displaying a play advantage scale for representing an important scene with said trajectories of objects, said scale functioning as a guide for adjusting the speed for the playback of the trajectory;

controlling the speed at which said trajectories of said objects are displayed;

specifying locations along said trajectories; and

using the locations along said trajectories to accessing a desired scene contained in said video contents.

Claim 2. (Currently Amended): The video contents access method according to claim 1, wherein said trajectories of said objects are those displayed, ~~in order with time for video contents,~~ in a time interval between a currently displayed video frame and a preceding video frame displayed a predetermined time period earlier.

Claims 3 – 4. (Canceled).

Claim 5. (Original): The video contents access method according to claim 1, wherein

said trajectories (Traj) of said objects are calculated by using the following equation:

Traj = (object ID, start time, end time, line graph representation).

Claim 6. (Original): The video contents access method according to claim 1, wherein video data are digital video data, or analog video data that can manage time code.

Claim 7. (Original): The video contents access method according to claim 1, further comprising: displaying on the same projection screen a window in which images of said contents of said video are displayed and a window in which said trajectories of said objects are displayed.

Claim 8. (Original): The video contents access method according to claim 1, wherein to specify said locations along said trajectories, a pointing device is used to designate points along said trajectories.

Claim 9. (Original): The video contents access method according to claim 1, wherein a plurality of video contents are used.

Claim 10. (Previously Presented): A video contents access apparatus comprising:

display means for displaying, as trajectories on a specific projection screen, the movements of objects extracted from video contents;

said trajectories being displayed on said projection screen separate from a video image display providing said video contents;

means for concurrently displaying a play advantage scale for representing an important scene with said trajectories of objects, said scale functioning as a guide for adjusting the speed for the playback of the trajectory;

means for controlling the speed at which said trajectories of said objects are displayed; and

instruction means for specifying locations along said trajectories, wherein locations along said trajectories are specified by said instruction means to access a desired scene in said video contents.